

ABSTRACT

A valve is disclosed for dispensing a flowable material from a container. The valve has a first chamber (40) at a first pressure wherein said first chamber (40) defines an outlet (28) in communication with said first chamber (40). A second chamber (42) is at a second pressure. The valve has a stop (18) indexed against a third pressure, operating to selectively place the first chamber (40) into communication with the second chamber (42). The stop (18) is operative to connect the second chamber (42) to said first chamber (40) when the first pressure is less than the third pressure. The valve has structure capable of balancing internal forces acting on the valve such as from pressure from the flowable material in the container.